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Amy Jonsson
Amy Jonsson

ATTORNEY DOCKET: RBUS 1309-1**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of Inventors:
Craig E. Hampel et al.

Application No. **10/766,761**

Confirmation No. **3627**

Filed: **28 January 2004**

Title: **Periodic Calibration for
Communication Channels By Drift
Tracking**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Group Art Unit: **2631**

Examiner: *Unknown*

CUSTOMER NO. 38342

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.56

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56.

Enclosed with this statement are Forms PTO SB/08A and SB/08B. The Examiner is requested to initial the forms and return them to the undersigned in accordance with M.P.E.P. 609.

Also enclosed with this statement is a copy of each cited document as required by 37 C.F.R. 1.98. The exception to this, in accordance with the 05 August 2003 Official Gazette Notice in which the USPTO waives the requirement for submitting copies of U.S. Patent and Publications for cases filed after 30 June 2003, is that copies of U.S. Patent documents and copies of U.S. Patent publications are not being submitted.

{C} This statement should be considered under 37 C.F.R. 1.97(b) because it is being filed before the mailing date of the first Office Action on the merits.

Fee Authorization. The Commissioner is hereby authorized to charge underpayment of any additional fees or credit any overpayment associated with this communication to Deposit Account No. 50-0869 (RBUS 1309-1). A copy of this authorization is enclosed.

Respectfully submitted,

By: Mark A. Haynes
Mark A. Haynes Reg. No. 30,846

Date: 16 July 04
HAYNES BEFFEL & WOLFELD LLP
P.O. Box 366
Half Moon Bay, CA 94019
Telephone: (650) 712-0340
Facsimile: (650) 712-0263



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PTO/SB/08A (08-00)
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

Complete if Known

Application Number	107766,761
Filing Date	28 January 2004
First Named Inventor	Craig E. Hampel
Group Art Unit	2631
Examiner Name	Unassigned

Attorney Docket Number RBUS 1309-1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A1	3,155,102			Niederer, Jr. et al.	11-03-1964	
A2	3,638,121			Spilker, Jr.	01-25-1972	
A3	3,922,491			Bjork et al.	11-25-1975	
A4	4,648,133			Vilnrotter	03-03-1987	
A5	5,243,626			Devon et al.	09-07-1993	
A6	5,485,490			Leung et al.	01-16-1996	
A7	5,511,091			Saito	04-23-1996	
A8	5,523,760			McEwan	06-04-1996	
A9	5,554,945			Lee et al.	09-10-1996	
A10	5,621,913			Tuttle et al.	04-15-1997	
A11	5,742,798			Goldrian	04-21-1998	
A12	6,369,652			Nguyen et al.	04-09-2002	
A13	6,421,389			Jett et al.	07-16-2002	
A14	6,606,350			Dress, Jr. et al.	08-12-2003	
A15	6,657,468			Best et al.	12-02-2003	
A16	6,690,741			Lerrick, Jr. et al.	02-10-2004	
A17	6,717,992			Cowie et al.	04-06-2004	
A18	2001/0048382			Low et al.	12-06-2001	
A19	2001/0053175			Hoctor et al.	12-20-2001	
A20	2003/0026399			Carlson	02-06-2003	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴				
B1	JP	02000035831A		Nitsusan Jidoshia KK	08-14-1990	Abstract only	
B2							
B3							
B4							
B5							
B6							
B7							
B8							
B9							
B10							

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Date
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	107766,761
Sheet	2	of		Filing Date	28 January 2004
				First Named Inventor	Craig E. Hampel
				Group Art Unit	2631
				Examiner Name	Unassigned
				Attorney Docket Number	RBUS 1309-1

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
A21	2003/0063597			Suzuki	04-03-2003	
A22	2003/0146800			Dvorak	08-07-2003	
A23	2003/0198212			Hector et al.	10-23-2003	
A24	2003/0198308			Hector et al.	10-23-2003	
A25	2004/0032354			Knobel et al.	02-19-2004	
A26	2004/0057500			Balachandran et al.	03-25-2004	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴			
B11						
B12						
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B14						
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B20						

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Substitute for form 1449B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Application Number	10/766,761	
Sheet	3	of	Filing Date	28 January 2004	
			First Named Inventor	Craig E. Hampel	
			Group Art Unit	2631	
			Examiner Name	Unassigned	
			Attorney Docket Number	RBUS 1309-1	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	C1	U.S. Patent Application No. 10/278,708 filed 22 October 2002, entitled "Phase Adjustment Apparatus and Method for a Memory Device Signaling System."		
	C2	DANIELE, N. et al., "Principle and Motivations of UWB Technology for High Data Rate WPAN Applications," SOC 2003, 4 pages.		
	C3	WIN, MOE Z., et al., "Impulse Radio: How it Works," IEEE Communications Letters 2(2), Feb. 1998, 36-38.		
	C4	DANIELE, NORBERT, "Ultra Wide Band Principles and Applications for Wireless Communications," CEA-LETI Annual Review, 25 and 26 June 2002, 24 pages.		
	C5	U.S. Patent Application No. 09/941,079 filed 28 August 2001 entitled "Clock Data Recovery with Selectable Phase Control Input."		
	C6	Yang, Chih-Kong Ken "Design of High-Speed Serial Links in CMOS" Technical Report No. CSL-TR-98-775, Sponsored By Center for Integrated Systems, Sun Microsystems and LSI Logic Inc. December 1998, pp. 1-182.		
	C7	RaSer™ X Product Brief, "Highly Flexible 10 Gbps Backplane Serial Link Interface," Copyright 2003 Rambus, Inc., all rights reserved, 2 pages.		
	C8	Yellowstone Technology Brief, "High Performance Memory Interface Technology," Copyright 2003 Rambus, Inc., all rights reserved, 2 pages.		
	C9			
	C10			
	C11			

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